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CORRESPONDENCE.

ORIGINAL TABLE.—ASSURANCES, JOINT LIVES.

To the Editor of the Assurance Magazine.

SIR,—May I beg the favour of your inserting in your eminently useful *Magazine* the accompanying Tables of Single and Annual Premiums for Joint Life Assurances for all ages between 15 and 60, deduced by me from the Carlisle Table of Mortality, and reckoning the improvement of money at three per cent.? These premiums have been carefully checked, so that their accuracy may be relied upon.

I am not aware that any similar table has ever been published; and, considering that assurances on this principle are so constantly being effected, it cannot fail to be of considerable practical value. By its use, and by means of the table already published, of the Value of Assurances on Single Lives, may be readily deduced the value of an assurance payable on the death of the survivor of two lives, adopting the simple processes of addition and subtraction. For example : Required the present value of an assurance of £100, payable on the death of the longest liver of two lives aged respectively 32 and 43 next birthday, Carlisle 3 per cent.

| | | |
|---|-----------|--------|
| Value of assurance on single life, 32 = | per cent. | 41·357 |
| Ditto ditto 43 = | per cent. | 49·352 |
| | | — |
| | | 90·709 |
| Deduct value of assurance on joint lives, 32·43 } per cent., per table now forwarded . } | 56·695 | |
| Leaves value of assurance of £100, payable on } the death of the survivor . . . } | 34·014 | |

To determine the annual premium payable during the joint continuance, or until the decease of both, the ordinary rules of calculation must be adopted.

I am, Sir,
Your most obedient Servant,

5, North St. David Street, Edinburgh,
7th May, 1855.

WILLIAM BRAID.

NOTE.—As our correspondent has been at the trouble of computing these tables, and as they will certainly afford a little additional facility, we print them in extenso (*see* page 363); but, considering the ease with which the quantities given can be obtained from the annuities by means of Orchard's Tables, we fear our readers will think Mr. Braid's labour somewhat superfluous.—ED. A. M.

ON ASSURANCES AGAINST ISSUE.

To the Editor of the Assurance Magazine.

SIR,—Following up the suggestion in my letter to you of the 8th of February last, in reference to the publication of practical questions, I wish to draw the attention of your readers to a class of cases now of frequent